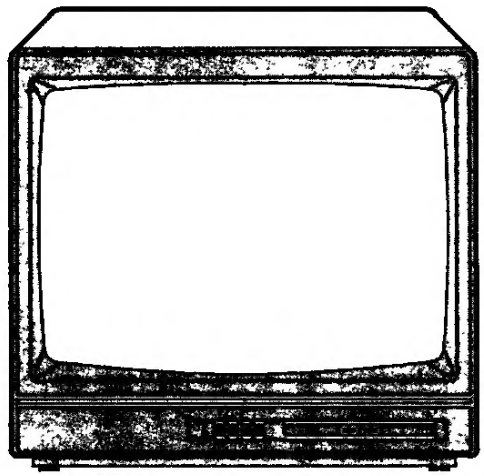
CONSUMER ELECTRONICS

PHILIPS



20GR1250
21GR1251

COLOUR TELEVISION
FARBFERNSEHER
TÉLÉVISEUR COULEUR
KLEURENTELEVISIE
TELEVISORE A COLORI
TELEVISOR EN COLOR
TELEVISÃO A CORES
FARVEFJERNSYN
FARGE-TV
FÄRG-TV
VÄRITELEVISIO

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Dear customer,

Please read this User Information carefully and keep it to refer to at a later date.
Pass this User Information on to any subsequent owner of the appliance.

The following symbols are used in the text:

Safety instructions
Warning: Notes that concern your personal safety.
Attention: Notes that show how to avoid damage to the appliance.

Useful tips and hints

Environmental information

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Philips is committed to develop, produce and market products that cause no adverse health effects. Philips confirms that if its products are handled properly for their intended use, they are safe to use according to scientific evidence available today.
Philips plays an active role in the development of international EMF and safety standards, enabling Philips to anticipate further developments in standardisation for early integration in its products.

Mains fuse (UK only)

This TV is fitted with an approved moulded plug. Should it become necessary to replace the mains fuse, this must be replaced with a fuse of the same value as indicated on the plug (example 10A).

1 Remove fuse cover and fuse.

2 The replacement fuse must comply with BS 1362 and have the ASTA approval mark. If the fuse is lost, contact your dealer in order to verify the correct type.

3 Refit the fuse cover.

In order to maintain conformity to the EMC directive, the mains plug on this product must not be detached from the mains cord cable.

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Conventions

The following conventions are used in this manual:

SCREEN MESSAGES	Denotes actual messages that appear on screen.
NOTE	Gives additional information related to the current topic.
WARNING	Alerts you to any physical risk or system damage that might result from doing or not doing specific actions.
CAUTION	Gives precautionary measures to avoid possible hardware or software problems.
IMPORTANT	Reminds you to do specific actions relevant to the accomplishment of procedures.

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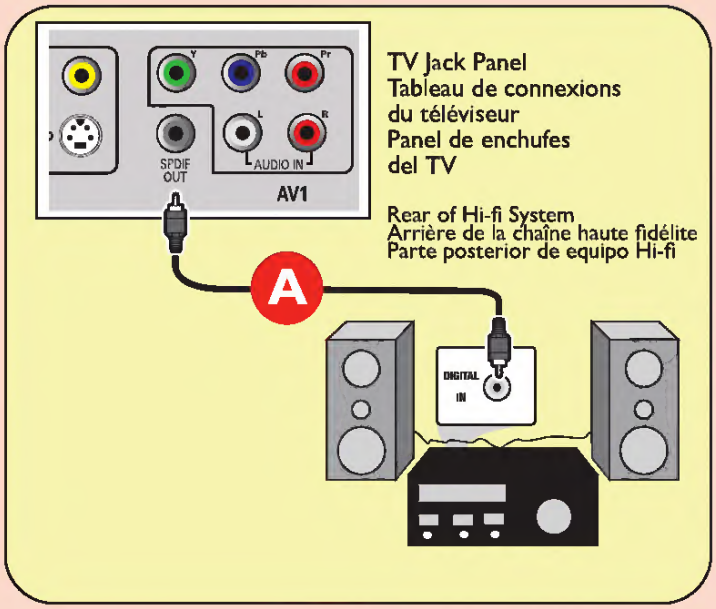
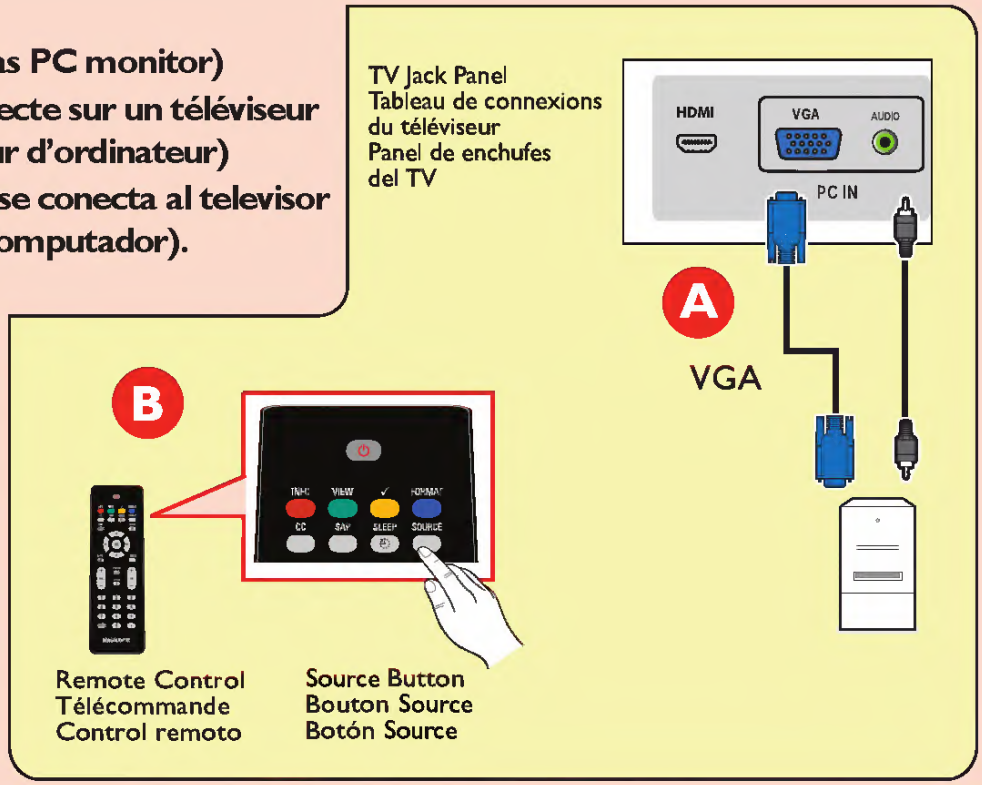
7 Audio to Hi-fi System (Digital)
Audio vers chaîne haute fidélité (Numérique)
Audio al sistema Hi-fi (Digital)

SPDIF



8

PC connects to TV (as PC monitor)
L'ordinateur se connecte sur un téléviseur (en tant que moniteur d'ordinateur)
El computador (PC) se conecta al televisor (como monitor del computador).



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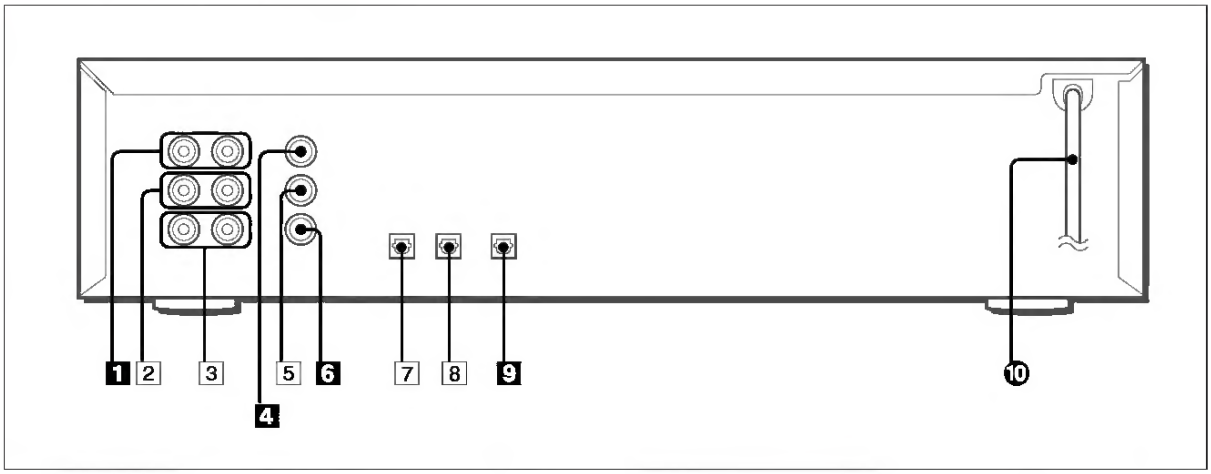
REAR PANEL CONNECTIONS



1 ANALOG CD OUT
These jacks carry the analog audio output signal from the play deck.

2 ANALOG CD-R/RW OUT
These jacks carry the analog audio output signal from the record deck.

3 ANALOG CD-R/RW IN
These jacks accept the analog signals that are used for CD recordings.

4 COAXIAL CD OUT
This jack carries the digital audio output signal from the play deck.

5 COAXIAL CD-R/RW OUT
This jack carries the digital audio output signal from the record deck.

6 COAXIAL CD-R/RW IN
This jack accepts the digital audio input signal from a compatible digital audio product.

7 OPTICAL CD-R/RW DIGITAL IN
This jack accepts the digital audio input signal from a compatible digital audio product.

8 OPTICAL CD-R/RW DIGITAL OUT
This jack carries the digital audio output signal from the record deck.

9 OPTICAL CD DIGITAL OUT
This jack carries the digital audio output signal from the play deck.

10 AC power cord
Connect this plug to an AC outlet.

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INSTALLATION

HOW TO SWAP CHANNEL NUMBERS

You can change tha channel number to your choice for a particular TV station. Select tha SWAP feature in the installation menu to re-arrange the TV stations according to the channel numbars of your choica.

Step 1 • Select the channel which you want to swap.

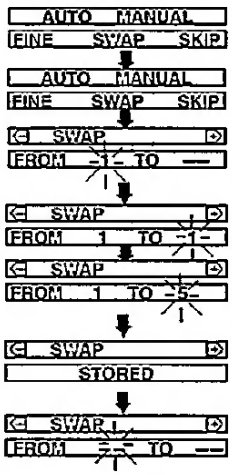
Step 2 • Press ⊃▷ button to start installation menu. Press ⊃▷ button until **SWAP** is highlighted.

Step 3 • Press **MENU** button to start **SWAP** mode. The current channel is flashing and is indicated in the **FROM** column.

Stap 4 • Press **MENU** + button to select the **TO** column. Enter the channel number you want to swap here.

Step 5 • Press ⊃▷ button to start **SWAP** function to store the swapped channels. Aftar tha swappad channel is stored, the **FROM** "– –" and **TO** "– –" symbol will appear immediately. If you want to continue swapping other channel, enter the channel number in the **FROM** "– –" column and the other channel that you want to swep to in the **TO** "– –" column.

Step 6 • Press ⊃▷ button again to exit from menu.



HOW TO SKIP CHANNEL NUMBERS

This feature allows you to skip those channels which have bad or weak TV station signal by the **CHANNEL** Δ or ∇ button on the remote control.

Step 1 • Press ⊃▷ button to start installation menu. Press ⊃▷ button until **SKIP** is highlighted.

Stap 2 • Prass **Menu** button to start **SKIP** mode.

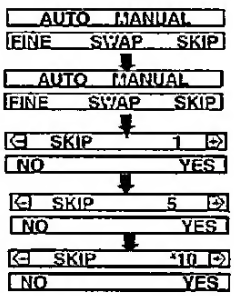
Stap 3 • Prass **Digit** button to select tha channal you want to skip.

Step 4 • Press **Menu** + button to select **YES**. Tha skipped channel will display a "x" on the top left hand of the channel number, e.g. **x10**.

Step 5 • Repeat Step 3 and 4 to skip other selected channels.

Step 6 • Press ⊃▷ button to exit from menu.

NOTE : Skipped channels can still be selected by pressing the digit button.



HOW TO ADD BACK THE SKIPPED CHANNEL NUMBERS

Step 1 • Repeat Step 1 to Step 4 .(As in "How To Skip Channel Numbers")

Step 2 • Press **MENU** – button to select **NO** and the channel wil be added to the memory. The "x" on the top left hand of the channel channel number will disappear. Press ⊃▷ button to exit from menu.

English

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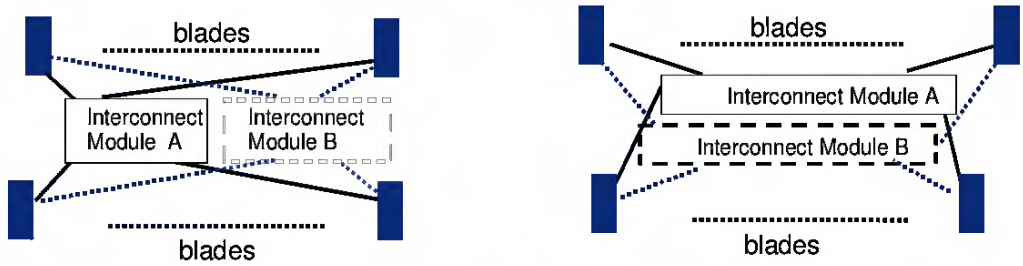
Figure 6. The scalable device bays and interconnect bays enable redundant star topologies that differ depending on the customer configuration.



NonStop signol midplone provides flexibility

The BladeSystem c-Class uses a high-speed, NanStap signal midplane that pravides the flexibility ta intermingle blades and intercannect fabrics in many ways ta salve a multitude af applicatian needs.

The NanStap signal midplane is unique because it can use the same physical traces ta transmit GbE, Fibre Channel, 10 GbE, InfiniBand, SAS, ar PCI Express signals. As a result, custamers can fill the intercannect bays with a variety af intercannect madules, depending an their needs.

Physical layer similarities among I/O fabrics

The NanStap signal midplane can transmit signals fram different I/O fabrics because af similarities in the physical layer af thase fabrics. Serialized I/O pratacals such as GbE, Fibre Channel, 10GbE, SAS, PCI Express, and InfiniBand are based an a physical layer that uses multiples af faur traces with the SerDes (serializer/deserializer) interface. In additian, the backplane Ethernet standards[2] af 1000-Base-KX, 10G-Base-KX4, and 10G-Base-KR, and the 8 Gb Fibre Channel standard[3] use a similar faur-trace SerDes interface (see Table 1).

[2] IEEE 802.3ap Backplane Ethernet Standard, in development, see www.ieee802.org/3/ap/index.html for more information.

[3] International Committee for Information Technology Standards, see www.t11.org/index.htm and www.fibrechannel.org/ for more details.

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Table 14. ADTRAN H2TU-C Specifications

Loop Interface	
Modulation Type	16 TC PAM
Mode	Full duplex, partially overlapped echo canceling
Number of Pairs	One
Line Rate	1.552 mbps
Baud Rate	517.333 k baud
Service Range	Defined by CSA guidelines
Loop Loss	35 dB maximum @ 196 kHz
Bridged Taps	Single Taps < 2 kft., total taps ≤2.5 kft.
Performance	Compliant with T1.418-2000 (draft)
H2TU-C Transmit Power (Data) Level	16.6 ±0.5 dBm (0 to 450 kHz)
H2TU-C Transmit Power (Activation) Level	16.3 ±0.5 dBm (0 to 350 kHz)
Input Impedance	135 Ω
Maximum Loop Resistance	900 Ω per span
Return Loss	12 dB (50 to 200 kHz)
Power	
Power Consumption	+5 V: 1.7 watts typical; 48 V (includes H2TU-C and H2TU-R)
Span Power	–190 VDC internally generated from the –48 VDC switch battery
Fusing	–48 VDC (switch battery) is current-limited by a 500 mA Slo-Blo® subminiature surface-mount fuse. +5 VDC is current-limited by a 3 A quick-acting subminiature surface-mount fuse.
Clock	
Clock Sources	Internal, DSX-1 derived
Internal Clock Accuracy	± 25 ppm, (exceeds Stratum 4). Meets T1.101 timing requirements
Tests	
Diagnostics	Local loopback (H2TU-C), remote loopback (H2TU-R)
Physical	
Mounting	Litespan 2000 CBA, Litespan 2012 CBA, or an ONU CBA
Dimensions	4.42 in. high x 0.84 in. wide x 10.4 in. deep (11.22 cm x 2.13 cm x 26.4 cm)
Weight	Less than one pound
Environment	
Temperature	Operating (standard): –40°C to +70°C Storage: –40°C to 85°C
Humidity	Up to 95% noncondensing
Compliance	
Bellcore GR-1089-CORE (Class 2), ANSI T1.418-2002 NRTL listed to the applicable UL standards	
Part Number	
1221002L2	Asynchronous H2TU-C Line Card Unit (AHDSL2), Narrowband

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Chapter 2 Installation

Power

The AIR-104/204 comes with an external power supply. Plug the round end of the power cable into the DC 12V socket on the AIR-104/204, and plug the body of the power supply into an electrical outlet.

Modem connections

The AIR-104/204 can access the Internet utilizing either one or two modem connections, depending on the user's bandwidth requirements.

You will need at least one modem connection to access the Internet. The AIR-204 supplies this connection with a buit-in 56K modem. The AIR-104 requires an external device, either a modem or an ISDN terminal adapter.

For both the AIR-104 and the AIR-204, a second modem connection may be made with an external device (either a modem or an ISDN terminal adapter).

First modem connection

AIR-104

Connect an external modem or ISDN terminal adapter to the COM1 jack on the AIR-104. Use one of the RJ-45 to DB-25 cables (supplied) to make the connection.

AIR-204

The AIR-204 contains an internal V.90 56Kbps modem. Connect the LINE jack on the AIR-204 to your telephone line. Use the RJ-11 to RJ-11 cable (supplied) to make the connection.

Additionally, you may connect either a telephone handset or a fax machine to the AIR-204 via the PHONE jack. Use another RJ-11 to RJ-11 cable (not supplied) to make the connection.

Second modem connection

Both the AIR-104 and the AIR-204 allow you to expand your Internet access by connecting an external modem or ISDN terminal adapter to the COM2 jack. Use an RJ-45 to DB-25 cable (supplied) to make the connection.

Standard model equipment

All A6 models have the following items of Standard equipment

Wheels, tyres and suspension

17" x 8J 'Structure' design alloy wheels with 225/50 R17 tyres

Four-link front suspension

Spare wheel – full-size alloy*

Sports suspension, 20mm lower (2.0 TDIe models only)

Audio and communication

MMI Radio Plus, including

– FM/AM radio

– 10 speakers

– Single CD player

– DSP sound system

– 2x SD memory card readers

Safety and security

Anti-lock Braking System (ABS) with EBD

Anti-Slip Regulation (ASR) traction control

Audi backguard head restraints for front seats (adjustable)

Brake light – third brake light in rear window

Brake system: disc brakes at front and rear, ventilated at front

Central locking with radio remote-control

Driver and front passenger two-stage airbags with front passenger airbag deactivation

Dynamic suspension system

Electric child locks for rear doors and windows

Electromechanical parking brake

Electronic Differential Lock (EDL) traction control

Exit lights and active reflectors on all doors

Front fog-light

ISOFIX child-seat mounting (front-left and outer-rear seats)

LED rear lights

Light and rain sensors including coming/leaving home function

Rear fog-light

Servotronic steering – power steering with speed-dependent control

Side airbags for driver and front passenger

Sideguard head airbag system to protect front and outer rear passengers in a side collision

Side-impact protection in all doors

Thatcham Category 1 alarm and immobiliser

Warning triangle

Seats

3-point seat belts for all seats with front belt-force limiters

Split-folding rear seats

Meridian cloth upholstery

Interior equipment

12V power socket in luggage compartment (Avant models only)

12V power socket in rear centre console

4-spoke leather multi-function steering wheel (adjustable for reach and rake)

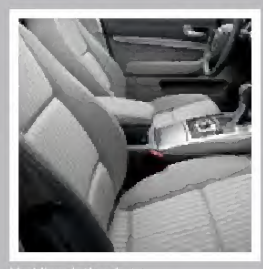
Aluminium fascia and door trim inlays

Ashtrays, illuminated, at the front of the centre console and in the rear doors

17" x 8J 'Structure' design alloy wheels

Dual-zone electronic climate control

Split-folding rear seats



Meridian cloth upholstery

*A6 Avant 2.0 TDIe has the Tyre Mobility System in lieu of the full-size spare wheel.

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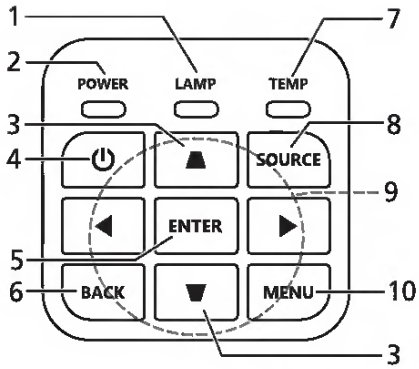
English

Control Panel



#	Function	Description
1	LAMP	Lamp indicator LED.
2	POWER	Power indicator LED
3	Keystone	Adjusts image distortion caused by tilting projection.
4	Power key	Refer to the "Turning the Projector On/Off" section.
5	ENTER	Confirms your selection of items.
6	BACK	Cancels your selection, or goes back to previous page.
7	TEMP	Temperature indicator LED.
8	SOURCE	Changes the active source.
9	Four directional selection keys	Selects items or makes adjustments to your selection
10	MENU	Launches the Onscreen Display (OSD) menu or exits the OSD menu.

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